BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK : BALANCE DEVELOPMENTAL WORKS TO AYURVEDIC HOSPITAL IN WARD NO.05

ESTIMATE

									Estimation Cost	**15000000.00**
Sl No	**Description of Item**	**No**	**No**	**Length (m)**	**Breadth (m)**	**Depth (m)**	**QTY**	**Unit**	**Rate**	**Amount**
1	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required : W.C. pan with ISI marked white solid plastic seat and lid (Item No 14.2, Page no 123 of PWD SR 2021-22 Vol-II)									
	Water Closets									
	Ground Floor									
	W/C	6	1				6.00	**Each**		
						Total qty	**6.00**	**Each**	4428.60	26571.60
	Basic Rate			4026.00						
	AW-10%			402.60						
	Total			4428.60						
2	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required : W.C. pan with ISI marked white solid plastic seat and lid (Item No 14.2, Page no 123 of PWD SR 2021-22 Vol-II) - First Floor									
	Water Closets									
	First Floor									
	W/C	8	1				8.00	**Each**		
						Total qty	**8.00**	**Each**	4468.86	35750.88
	Basic Rate			4026.00						
	AW-10%			402.60						
	Lift Charges-1% per floor			40.26						
	Total			4468.86						
3	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required : W.C. pan with ISI marked white solid plastic seat and lid (Item No 14.2, Page no 123 of PWD SR 2021-22 Vol-II) - Second Floor									
	Water Closets									
	Second Floor									
	W/C	9	1				9.00	**Each**		
						Total qty	**9.00**	**Each**	4509.12	40582.08
	Basic Rate			4026.00						
	AW-10%			402.60						
	Lift Charges-1% per floor			80.52						
	Total			4509.12						
4	Providing and fixing white vitreous china flat back half stall urinal of size 580x380x350 mm with white PVC automatic flushing cistern, with fittings, standard size C.P. brass flush pipe, spreaders with unions and clamps (all in C.P. brass) with waste fitting as per IS : 2556, C.I. trap with outlet grating and other couplings in C.P. brass, including painting of fittings and cutting and making good the walls and floors wherever required : Range of two half stall urinals with 5 litre P.V.C. automatic flushing cistern (Item No 14.5.2, Page no 124 of PWD SR 2021-22 Vol-II)									
	Urinal Basins									
	Ground Floor									
	Gents Toilet	7	1				7.00	**Each**		
						Total qty	**7.00**	**Each**	9781.20	68468.40
	Basic Rate			8892.00						
	AW-10%			889.20						
	Total			9781.20						

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No	Description of Item	No	No	Length (m)	Breadth (m)	Depth (m)	QTY	Unit	Rate	Amount
5	Providing and fixing white vitreous china flat back half stall urinal of size 580x380x350 mm with white PVC automatic flushing cistern, with fittings, standard size C.P. brass flush pipe, spreaders with unions and clamps (all in C.P. brass) with waste fitting as per IS : 2556, C.I. trap with outlet grating and other couplings in C.P. brass, including painting of fittings and cutting and making good the walls and floors wherever required : Range of two half stall urinals with 5 litre P.V.C. automatic flushing cistern (Item No 14.5.2, Page no 124 of PWD SR 2021-22 Vol-II) - First Floor									
	Urinal Basins									
	First Floor									
	W/C	4	1				4.00	**Each**		
						Total qty	**4.00**	**Each**	9870.12	39480.48
	Basic Rate			8892.00						
	AW-10%			889.20						
	Lift Charges-1% per floor			88.92						
	Total			9870.12						
6	Providing and fixing white vitreous china flat back half stall urinal of size 580x380x350 mm with white PVC automatic flushing cistern, with fittings, standard size C.P. brass flush pipe, spreaders with unions and clamps (all in C.P. brass) with waste fitting as per IS : 2556, C.I. trap with outlet grating and other couplings in C.P. brass, including painting of fittings and cutting and making good the walls and floors wherever required : Range of two half stall urinals with 5 litre P.V.C. automatic flushing cistern (Item No 14.5.2, Page no 124 of PWD SR 2021-22 Vol-II) - Second Floor									
	Urinal Basins									
	Second Floor									
	W/C	4	1				4.00	**Each**		
						Total qty	**26.00**	**Each**		
						Total qty	**30.00**	**Each**	9959.04	298771.20
	Basic Rate			8892.00						
	AW-10%			889.20						
	Lift Charges-1% per floor			177.84						
	Total			9959.04						
7	Providing and fixing wash basin with C.I. brackets, 15 mm dia CP Brass single hole basin mixer of approved quality and make, including painting of fittings and brackets, cutting and making good the walls wherever required: using White Vitreous China Wash basin size 550x400 mm with a 15 mm CP Brass single hole basin mixer (Item No 14.7A, Page no 125 of PWD SR 2021-22, Vol-II)									
	Wash Basins									
	Ground Floor									
	Gents Toilet	15	1				15.00	**Each**		
						Total qty	**15.00**	**Each**	3958.90	59383.50
	Basic Rate			3599.00						
	AW-10%			359.90						
	Total			3958.90						
8	Providing and fixing wash basin with C.I. brackets, 15 mm dia CP Brass single hole basin mixer of approved quality and make, including painting of fittings and brackets, cutting and making good the walls wherever required: using White Vitreous China Wash basin size 550x400 mm with a 15 mm CP Brass single hole basin mixer (Item No 14.7A, Page no 125 of PWD SR 2021-22, Vol-II)									
	Wash Basins									
	First Floor									
	W/C	15	1				15.00	**Each**		
						Total qty	**15.00**	**Each**	3994.89	59923.35
	Basic Rate			3599.00						
	AW-10%			359.90						
	Lift Charges-1% per floor			35.99						
	Total			3994.89						
9	Providing and fixing wash basin with C.I. brackets, 15 mm dia CP Brass single hole basin mixer of approved quality and make, including painting of fittings and brackets, cutting and making good the walls wherever required: using White Vitreous China Wash basin size 550x400 mm with a 15 mm CP Brass single hole basin mixer (Item No 14.7A, Page no 125 of PWD SR 2021-22, Vol-II)									
	Wash Basins									
	Second Floor									
	W/C	15	1				15.00	**Each**		

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No	Description of Item	No	No	Length (m)	Breadth (m)	Depth (m)	QTY	Unit	Rate	Amount
						Total qty	15.00	Each	4030.88	60463.20
	Basic Rate			3599.00						
	AW-10%			359.90						
	Lift Charges-1% per floor			71.98						
	Total			4030.88						
	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete. 40 mm dia semi rigid (Item No 14.28, Page no 128 of PWD SR 2021-22, Vol-II)									
	Ground Floor									
	Qty same as wash basins						15.00			
10						Total qty	15.00	Each	240.80	3612.00
	Basic Rate			215.00						
	AW-10%			21.50						
	Lift Charges-1% per floor			4.30						
	Total			240.80						
	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete. 40 mm dia semi rigid (Item No 14.28, Page no 128 of PWD SR 2021-22, Vol-II) - First Floor									
	First Floor									
	Qty same as wash basins						15.00			
11						Total qty	15.00	Each	238.65	3579.75
	Basic Rate			215.00						
	AW-10%			21.50						
	Lift Charges-1% per floor			2.15						
	Total			238.65						
	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete. 40 mm dia semi rigid (Item No 14.28, Page no 128 of PWD SR 2021-22, Vol-II) - Second Floor									
	Second Floor									
	Qty same as wash basins						15.00			
12						Total qty	15.00	Each	240.80	3612.00
	Basic Rate			215.00						
	AW-10%			21.50						
	Lift Charges-1% per floor			4.30						
	Total			240.80						
	Providing and fixing PTMT towel rail 600 mm long towel rail with total length of 645 mm, width 78 mm and effective height of 88 mm, weighing not less than 190 g. complete with brackets fixed to wooden cleats with CP brass screws with concealed fittings arrangement of approved quality and colour. (Item No 14.40.2, Page no 130 of PWD SR 2021-22, Vol-II)									
13	**Towel Rails**									
	Bath rooms	25	1				25.00	Each		
						Total qty	25.00	Each	418.00	10450.00
	Basic Rate			380.00						
	AW-10%			38.00						
	Total			418.00						
	Providing and fixing 453x357mm dia rectangular shape mirror with plastic moulded frame of approved make and shade with 6mm thick hard board backing including cost of materials, labour complete as per specifications and directions of the Engineer in charge.(Item No 14.32.2, Page no 128 of PWD SR 2021-22, Vol-II)									
14	**Mirror**									
	Bath rooms	25	1				25.00	Each		
						Total qty	25.00	Each	955.90	23897.50
	Basic Rate			869.00						
	AW-10%			86.90						
	Total			955.90						

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No	Description of Item	No	No	Length (m)	Breadth (m)	Depth (m)	QTY	Unit	Rate	Amount
15	Providing and fixing on wall face unplasticised rigid PVC rain water pipes conforming to IS:13592 Type A, including jointing with seal ring conforming to IS:5382, leaving 10mm gap for thermal expansion, [i] single socketed pipes 100mm diameter (PWD SR 2021-22 1st Corrigendum Vol II. SL No. 27 .Item No 13.48)									
	PVC Pipes									
	Rainwater pipes	12	1	25.00			300.00	M		
	Sanitary Pipes									
	Toilets									
	Verticle Pipes	10	1	16.00			160.00	M		
	Horizontal Pipe	2	1	78.00			156.00	M		
						Total qty	**616.00**	M	278.30	171432.80
	Basic Rate			253.00						
	AW-10%			25.30						
	Total			278.30						
16	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. 25mm nominal dia pipes (Corrigendum ,Vol-02 ,Item No.13.32.3)									
	CPVC Pipe									
	Ground Floor									
	Toilets	1	1	170.00			170.00	Mtr		
						Total qty	**170.00**	Mtr	523.60	89012.00
	Basic Rate			476.00						
	AW-10%			47.60						
	Total			523.60						
17	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. 25mm nominal dia pipes (Corrigendum ,Vol-02 ,Item No.13.32.3) - First Floor .									
	CPVC Pipe									
	First Floor									
	Toilets	1	1	150.00			150.00	Mtr		
						Total qty	**150.00**	Mtr	528.36	79254.00
	Basic Rate			476.00						
	AW-10%			47.60						
	Lift Charges-1% per floor			4.76						
	Total			528.36						
18	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. 25mm nominal dia pipes (Corrigendum ,Vol-02 ,Item No.13.32.3) - Second Floor									
	CPVC Pipe									
	Second Floor									
	Toilets	1	1	130.00			130.00	Mtr		
						Total qty	**130.00**	Mtr	533.12	69305.60
	Basic Rate			476.00						
	AW-10%			47.60						
	Lift Charges-1% per floor			9.52						
	Total			533.12						

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No	Description of Item	No	No	Length (m)	Breadth (m)	Depth (m)	QTY	Unit	Rate	Amount
19	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. 25mm nominal dia pipes (Corrigendum ,Vol-02 ,Item No.13.32.3) - Terrace Floor									
	CPVC Pipe									
	Terrace Floor									
	Connection pipes from tank	1	1	100.00			100.00	Mtr		
	Sump to OHT	1	1	30.00			30.00	Mtr		
						Total qty	**130.00**	Mtr	537.88	69924.40
	Basic Rate			476.00						
	AW-10%			47.60						
	Lift Charges-1% per floor			14.28						
	Total			537.88						
20	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. 20mm nominal dia pipes (Corrigendum ,Vol-02 ,Item No.13.32.2) .GF									
	CPVC Pipe									
	Ground Floor									
	Toilets	1	1	140.00			140.00	Mtr		
						Total qty	**140.00**	Mtr	410.30	57442.00
	Basic Rate			373.00						
	AW-10%			37.30						
	Total			410.30						
21	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. 20mm nominal dia pipes (Corrigendum ,Vol-02 ,Item No.13.32.2) .FF									
	CPVC Pipe									
	First Floor									
	Toilets	1	1	115.00			115.00	Mtr		
						Total qty	**115.00**	Mtr	414.03	47613.45
	Basic Rate			373.00						
	AW-10%			37.30						
	Lift Charges-1% per floor			3.73						
	Total			414.03						
22	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. 20mm nominal dia pipes (Corrigendum ,Vol-02 ,Item No.13.32.2) .SF									
	CPVC Pipe									
	Second Floor									
	Toilets	1	1	100.50			100.50	Mtr		
						Total qty	**100.50**	Mtr	417.76	41984.88
	Basic Rate			373.00						
	AW-10%			37.30						
	Lift Charges-1% per floor			7.46						
	Total			417.76						

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No	Description of Item	No	No	Length (m)	Bread th (m)	Depth (m)	QTY	Unit	Rate	Amount
	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. 20mm nominal dia pipes (Corrigendum ,Vol-02 ,Item No.13.32.2) .Terrace Floor									
23	**CPVC Pipe**									
	Terrace Floor									
	Connection pipes from tank	1	1	95.00			95.00	Mtr		
	Sump to OHT									
						Total qty	**95.00**	Mtr	421.49	40041.55
	Basic Rate			373.00						
	AW-10%			37.30						
	Lift Charges-1% per floor			11.19						
	Total			421.49						
	Constructing brick masonry chamber of internal dimension 600x450mm and depth of 600mm (inner dimensions) with modular bricks of CD 75 in cement mortar 1:6, bed concrete 150mm thick with 1:3:6, plastering 12 mm thick with cement mortar 1:4, CC 1:2:4 coping 75mm thk for fixing CI cover & frame etc. excluding the cost of CI frame and cover.(PWD SR 2021-22 Vol V. Pg No.187 .Item No 8)									
24	**Inspection Chamber**									
	Brick masonary chamber	14	1				14.00	Each		
						Total qty	**14.00**	Each	4811.40	67359.60
	Basic Rate			4374.00						
	AW-10%			437.40						
	Total			4811.40						
	Providing and placing on terrace(at all floor levels), polyethylene water storage tanks as per IS 12701 marked,with cover and suitable locking arrangement and making necessary holes for inlet,outlet and overflow pipes but without fittings and the base support for tank(For 1000 litre capacity) (PWD SR 2021-22 1st Corrigenda Vol II.SI No.12.Item No 13.34).									
25	**Water storage Tank**									
	5000 litets tank	1	1	5000.00			5000.00	ltr		
						Total qty	**5000.00**	ltr	8.80	44000.00
	Basic Rate			8.0						
	AW-10%			0.8						
	Total			8.8						
	Providing and fixing in position brass bib cock of approved quality 20mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications and directions of the Engineer in charge.(Item No 13.2.2, Page no 115 of PWD SR 2020-21, Vol-II)									
26	**Brass Bib Cock**									
	Toilets	70	1				70.00	Nos		
						Total qty	**70.00**	Nos	379.50	26565.00
	Basic Rate			345.0						
	AW-10%			34.5						
	Total			379.5						
	Providing and fixing in position brass stop cock of approved quality 20mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications and directions of the Engineer in charge. (Item No 13.3.2, Page no 115 of PWD SR 2021-22, Vol-II)									
27	**Brass Stop Cock**									
	Stop cock	30	1				30.00	Nos		
						Total qty	**30.00**	Nos	379.50	11385.00
	Basic Rate			345.0						
	AW-10%			34.5						
	Total			379.5						

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No	Description of Item	No	No	Length (m)	Breadth (m)	Depth (m)	QTY	Unit	Rate	Amount
	Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 25mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications.and directions of the Engineer in charge. (Item No 13.4.1, Page no 115 of PWD SR 2020-21, Vol-II)									
	Brass gate valve									
28	Gate Valve	30	1				30.00	Nos		
						Total qty	**30.00**	Nos	580.80	17424.00
	Basic Rate			528.0						
	AW-10%			52.8						
	Total			580.8						
	FREE STANDING TABLE FOR CABIN - WITHOUT FRAMES Providing and fixing Free Standing Table for Cabin- without frames consisting of 25 mm thick PLPB table top, 25 mm thick PLPB with edge bomded End table, 18 mm thick PLPB with edge bonded Modesty, Wire manager -ABS plastic grommet one number per table Hardware-Minifix assembly and screw leg., as per specifications, drawings and as directed by Engineer in charge. Main Table : 1500 mmW x 750mm D x 750 mm ht (Edgebinding table top) Side Table : 900 mm W x 450mm D X 750 mm ht.complete as per specifications and directions of the Engineer in charge . (Item No 39.17.1, Page no 334 of PWD SR 2018-19)									
29	**Free standing table**									
	Tables	10	1				10.00	Nos		
						Total qty	**10.00**	Nos	13156.00	131560.00
	Basic Rate			11960.0						
	AW-10%			1196.0						
	Total			13156.0						
	Puffed panel (Data Rate)Lightweight, energy-efficient and durable panels , PUF panels consist of a rigid core sandwiched between sheet metal structural boards. PUF insulated sandwich panels integrate joists and studs, insulation, vapor and air barriers. complete as per specificationsand and directions of the Engineer in charge.									
	Puffed panel									
30	Terrace Floor	1	1	19.74	13.16		259.86	Sqm		
	Side alround	2	1	19.74		1.5	59.22	Sqm		
		2	1	13.16		1.5	39.48	Sqm		
		2	0.5	13.16		1.2	15.79	Sqm		
						Total qty	**374.35**	**Sqm**	3889.00	1455844.66
	Data Rate			3889.00						
	Earth work excavation for Foundation by mechanical means for all works & depth upto 3 m, as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, including dressing of excavated surfaces, disposing off or levelling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage of machinery & other appurtenaces required to complete the work.(Page no-10, Item No-1.17.1 of PWD SR 2021-22, Vol-I).									
	Compound Wall Excavation									
	Front side of Building	1	1	21.64	0.9	0.8	15.58	Cum		
	Rear side of Building	1	1	21.64	0.9	0.8	15.58	Cum		
	Sides	2	1	17.76	0.9	0.8	25.57	Cum		
31	**Set Back Area Excavation**									
	Parking Area	1	1	16.00	2.7	0.8	34.56	Cum		
	Set Back Area Sides	2	1	17.76	0.9	0.8	25.57	Cum		
	Set back Area Back Side	1	1	21.64	0.9	0.8	15.58	Cum		
	Drain									
	Front side of Building	1	1	20.00	0.9	0.8	14.40	Cum		
						Total qty	**146.85**	**Cum**	213.40	31338.05
	Basic Rate			194.00						
	AW-10%			19.40						
	Total			213.40						

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No	Description of Item	No	No	Length (m)	Breadth (m)	Depth (m)	QTY	Unit	Rate	Amount
32	Providing and laying in position plain cement concrete Mix 1:3:6 (M10) Using 40 mm and down size graded crushed coarse aggregatesfor levelling course for all works in foundation. The granite /trap /basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately) (Page no-15, Item No-2.1.3 of PWD SR 2021-22.Vol-I, Issue Rate -04-01-2023).									
	Compound Wall PCC									
	Front side of Building	1	1	21.64	0.9	0.15	2.92	Cum		
	Rear side of Building	1	1	21.64	0.9	0.15	2.92	Cum		
	Sides	2	1	17.76	0.9	0.15	4.80	Cum		
	SET BACK AREA PCC									
	Set Back Area Sides	2	1	17.76	0.9	0.15	4.80	Cum		
	Parking Area	1	1	16.00	2.7	0.15	6.48	Cum		
	Set back Area Back Side	1	1	21.64	0.9	0.15	2.92	Cum		
	Drain									
	Front side of Building	1	1	20.00	0.9	0.15	2.70	Cum		
						Total qty	**27.54**	**Cum**	6109.40	168233.08
	Basic Rate			5554.00						
	AW-10%			555.40						
	Total			6109.40						
33	Providing Size Stone masonry with hard stone in foundation & plinth with Cement mortar 1:6 (1 cement : 6 coarse sand)(Page no-9, Item No-5.4 of PWD SR 2021-22, Vol-II, Issue rate -04-01-2023).									
	Compound Wall SSM									
	Front side of Building	1	1	21.64	0.6	0.6	7.79	Cum		
	Rear side of Building	1	1	21.64	0.6	0.6	7.79	Cum		
	Side	2	1	17.76	0.6	0.6	12.79	Cum		
						Total qty	**28.37**	**Cum**	5887.20	167025.04
	Basic Rate			5352.00						
	AW-10%			535.20						
	Total			5887.20						
34	Providing and laying in position plain cement concrete Mix 1:3:6 (M10) Using 20 mm and down size graded crushed coarse aggregates for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately) (Page no-15, Item No-2.1.4 of PWD SR 2021-22, Vol-I, Issue Rate-04-01-2023).									
	Coping above SSM									
	Front side of Building	1	1	21.64	0.6	0.1	1.30	Cum		
	Rear side of Building	1	1	21.64	0.6	0.1	1.30	Cum		
	Side	2	1	17.76	0.6	0.1	2.13	Cum		
	SET BACK AREA PCC									
	Set Back Area Sides	2	1	17.76	0.9	0.15	4.80	Cum		
	Parking Area	1	1	16.00	2.7	0.15	6.48	Cum		
	Set back Area Back Side	1	1	21.64	0.9	0.15	2.92	Cum		
	Drain	2	1	20.00	0.2	0.1	0.80	Cum		
	Kerb	1	1	15.00	0.2	0.1	0.30			
						Total qty	**20.03**	**Cum**	6300.80	126180.83
	Basic Rate			5728.00						
	AW-10%			572.80						
	Total			6300.80						

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No	Description of Item	No	No	Length (m)	Breadth (m)	Depth (m)	QTY	Unit	Rate	Amount
35	Providing and laying in position Reinforced cement concrete M25 Design Mix Using 20 mm and down size graded crushed coarse aggregates for all Foundation works. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticizers laid in finished layers, well compacted using needle vibrators, including all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately) (Page no-15, Item No-2.2.2.1 of PWD SR 2021-22 Vol-I, Issue Rate-04-01-2023).									
	Column Footing									
	Footing	10	1	0.6	0.6	0.3	1.08	Cum		
	Plinth Beam									
	Front side of Building	1	1	21.64	0.3	0.3	3.45	Cum		
	Rear side of Building	1	1	21.64	0.3	0.3	3.45	Cum		
	Side	2	1	17.76	0.3	0.3	4.70	Cum		
						Total qty	**12.67**	**Cum**	6576.90	83347.21
	Basic Rate			5979.00						
	AW-10%			597.90						
	Total			6576.90						
36	Providing Thermo-Mechanically Treated bars of grade Fe-500D or more Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position, binding and anchoring to adjacent members whereever necessary complete as per Design including cost of material, labour, usage charges complete as per specifications. (The laps and wastages shall not be measured separately) (Page no-84, Item No-11.32 of PWD SR 2021-22 Vol-II , Issue Rate-04-01-2023).									
	Plinth Beam	1	1				1610.82	KG		
						Total qty	**1610.82**	KG	101.20	163014.98
	Basic Rate			92.00						
	AW-10%			9.20						
	Total			101.20						
37	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x200x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications.(Page no-17, Item No-6.32 of PWD SR 2021-22Vol-II , Issue Rate-04-01-2023).									
	Block Work									
	Front side of Building	1	1	26.64		2.0	58.28	Sqm		
	Rear side of Building	1	1	26.64		2.0	58.28	Sqm		
	Side	2	1	17.76		0.9	36.98	Sqm		
	Kitchen Platform									
	Pillars for platform	5	1	0.60		0.6	1.80	Sqm		
	Drain	2	1	20.00		0.9	36.00	Sqm		
						Total qty	**191.34**	**Sqm**	1315.60	251720.59
	Basic Rate			1196.00						
	AW-10%			119.60						
	Total			1315.60						
38	Providing 18 mm cement plaster in two coats under layer 12 mm thick cement plaster with cement mortar 1:5 (1 cement : 5 coarse sand) and a top layer 6 mm thick cement plaster with cement mortar 1:3 (1 cement : 3 coarse sand) finished rough with sponge to brick masonry including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge.(Page no-42, Item No-8.9 of PWD SR 2021-22 Vol-II , Issue Rate-04-01-2023).									
	Plastering of Wall									
	Front side of Building	1	1	26.64		4.0	106.56	Sqm		
	Rear side of Building	1	1	26.64		4.0	106.56	Sqm		
	Side	2	1	17.76		4.0	142.11	Sqm		
	Kitchen Platform									
	Pillars for platform	5	2	0.75		0.6	4.50			
						Total qty	**419.73**	**Sqm**	354.20	148669.07
	Basic Rate			322.00						
	AW-10%			32.20						
	Total			354.20						

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No	Description of Item	No	No	Length (m)	Breadth (m)	Depth (m)	QTY	Unit	Rate	Amount
39	Providing and Fixing pre cast covering Slab 100mm thick made out of CC , Jelly 20mm Down Size with steel reinforcement including form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc, complete as per Engineer incharge. (Data Rate)									
	Ground Floor									
	Front Side of Building	1	1	20		1.2	24			
						Total qty	**24**	**Sqm**	2072	49728.00
40	Providing and fixing pre cast solid cement concrete Kerb Stones made out of M20 with top and bottom width 114 and 165mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading, unloading, lead and lift transportion etc., complete as directed by the Engineer in charge of the work(from finish concrete and no painting to be done)(Data Rate)									
	Ground Floor									
	Front Side of Building	1	1	15.5			15.5			
							34.4			
						Total qty	34	Nos	507	17463.33
41	Fabricating, providing and erecting in position of MS. Hot dip galvanized Sq. Hallow Poles of 132*132 Heavy gauge of length 3000mm with MS. Hot dip galvanized grill work as per approved design and drawing of chief architect. Using 12*75mm galvanized flat for alround frame and 20mm*20mm galvanized- forged design with square for vertical at 150mm C/C as shown in the drawing including providing forged ornamental arrowhead at top and bottom. The work is inclusive of throughing flat, square rods, placing welding all the joints, including grinding, finishing 2 coats of anticorrosive paint over one coat of metal primer. The rate is inclusive of all materials like MS. Hollow galvanized pipe, flat, forged square rods, cost of labour for all items of work cost painting, welding, cutting, grinding with all lead and lift as per specification including loading with cost and conveyance of all materials, labour, machinery and incidental charges for the successful complete of the work as per the direction Engineer-in-charge of the work. (Data Rate)									
	Ground Floor									
	MS Grill above Compound Wall									
	Front Side of Building	1	1	15.7		2.5	39.25			
	Building Inside	1	1	7.7		2.5	19.25			
	Rear side of Building	1	1	26.64		0.45	16.99	Sqm		
	Side	2	1	17.76		0.45	20.99	Sqm		
	Third Floor									
	MS Grill above Compound Wall									
	Above Parapet Wall									
	Along Breadth	2	1	13.16		1.80	52.39	Sqm		
	Along Length	2	1	19.74		1.80	76.06	Sqm		
	For ladder to Lift Room	1	1	6.10		4.00	29.40	Sqm		
	For ladder to Overhead Tank	1	1	3.00		2.00	6.00	Sqm		
						Total qty	**260.33**	**Sqm**	15630.00	4068957.90
42	Fabricating, providing and erecting in position Hot dip galvanised Gate. Using 72*72*4.8mm Sq. GI Pipe frame with top pipe bending in heavy duty hydraolic press with sand packing and hot bending to form double arch as per drawing profile,20mm hot dip galvanised sq.rod for verticals at 150mm c/c, as shown in the drawing including providing hot dip galvanised forged omamental design in between sq.rods and heads at top,middle and bottom. Intermediate supports of 75*12mm and 50*6mm arch bent to hot dip galvanised flats the work is inclusive of throughing GI.flat GI sq.rods,placing, welding all the joints including grinding, finishing metal patty,painting wo coats enamel painting. The rate is inclusive of all materials like GI sq pipe,GI.Sq.rods,GI forged designs etc., heavy duty hinges are made out of 75mm solid sq.block assembled with 20mm dia bearing in the three places for each flop. Heavy duty locking arrangements at low places including cost of labou,pailnting, erecting charges using hoist pulley cranes with all lead and lift, loading,transportation,unloading,scaffolding charges and all other incidental charges for sucessful completion of the work as per directions of the Engineer-in-charge of the work. (Data Rate)									
	MS Gate	1	1	4.30	2.50		10.75	Sqm		
		1	1	1.30	2.50		3.25			
		1	1	1.67	2.50		4.18			

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No	Description of Item	No	No	Length (m)	Breadth (m)	Depth (m)	QTY	Unit	Rate	Amount
		1	1	0.50	2.50		1.25			
						Total qty	19.43	Sqm	21350.00	414723.75
43	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade :Two coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge.(Page no-48, Item No-8.41 of PWD SR 2021-22 Vol-II)									
	MS Grill Painting									
	Ground Floor									
	Window-W	1	1	1.80	1.2	1	2.16	Sqm		
	Window-W1	8	1	1.20	1.35	1	12.96	Sqm		
	Ventelator	10	1	0.60	0.45	1	2.70	Sqm		
	Kerb	1	1	15.00	0.2	1	3.00	Sqm		
						Total qty	**40.82**	**Sqm**	143.00	5837.26
	Basic Rate			130.00						
	AW-10%			13.00						
	Total			143.00						
44	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade :Two coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge.(Page no-48, Item No-8.41 of PWD SR 2021-22 Vol-II) - First Floor									
	MS Grill Painting									
	First Floor									
	Window-W1	15	1	1.20	1.35	1	24.30	Sqm		
	Ventelator	8	1	0.60	0.45	1	2.16	Sqm		
						Total qty	**26.46**	**Sqm**	144.30	3818.18
	Basic Rate			130.00						
	AW-10%			13.00						
	Lift Charges-1% per floor			1.30						
	Total			144.30						
45	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade :Two coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge.(Page no-48, Item No-8.41 of PWD SR 2021-22 Vol-II) - Second Floor									
	MS Grill Painting									
	Second Floor									
	Window-W1	15	1	1.20	1.35	1	24.30	Sqm		
	Ventelator	10	1	0.60	0.45	1	2.70	Sqm		
						Total qty	**27.00**	**Sqm**	145.60	3931.20
	Basic Rate			130.00						
	AW-10%			13.00						
	Lift Charges-1% per floor			2.60						
	Total			145.60						
46	I Providing and fixing 1mm thick M.S. sheet door with frame of 40x40x6 mm angle iron and 3 mm M.S. gusset plates at the junctions and corners, all necessary fittings complete, including applying a priming coat of approved steel primer. Using M.S. angels 40x40x6 mm for diagonal braces including cost of materials, labour, usage charges of machinery complete as per specifications and as per directions of the Engineer-in-Charge.(Page no-75, Item No-11.5.1 of PWD SR 2021-22 Vol-II)									
	Terrace Floor									
	MS Doors	2	1	0.9	2.13		3.834			
	Chamber Covers	12	1	0.6	0.6		4.32			
						Total qty	**8.15**	**Sqm**	4172.40	34021.75
	Basic Rate			3660.00						

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No	Description of Item	No	No	Length (m)	Breadth (m)	Depth (m)	QTY	Unit	Rate	Amount
	AW-10%			366.00						
	Lift Charges-4% per floor			146.40						
	Total			4172.40						
	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade :Two coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge.(Page no-48, Item No-8.41 of PWD SR 2021-22 Vol-II)									
	MS Grill Painting									
	Third Floor									
47	Grill Work Alround	1	1				163.85			
	Truss, purlins and battens	1	1				349.00	Sqm		
						Total qty	**512.85**	**Sqm**	146.90	75338.31
	Basic Rate			130.00						
	AW-10%			13.00						
	Lift Charges-1% per floor			3.90						
	Total			146.90						
48	Concealed Conduit System Supplying heavy gauge PVC conduit pipe ……mm dia .....mm thick confirming to IS 2509 with suitable size bends, metal/PVC junction boxes, adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fish wire wherever necessary 19/20mm dia 2mm thick(including audio system)complete and as per the directions of the Engineer-in-charge of the work(PWD SR 2021-2022-Electrical Work-Part I,Pg 1,Item No.1.2.1)									
	Electrical									
	19/20 mm conduit pipe	1	1	500.00			500.00	M		
						Total qty	**500.00**	**M**	61.00	30500.00
49	Concealed Conduit System Supplying heavy gauge PVC conduit pipe ……mm dia .....mm thick confirming to IS 2509 with suitable size bends, metal/PVC junction boxes, adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fish wire wherever necessary 25mm dia 2mm thick(including audio system)complete and as per the directions of the Engineer-in-charge of the work 25mm dia 2mm thick(PWD SR 2021-2022-Electrical Work-Part I,Pg 1,Item No.1.2.2)									
	Electrical									
	25 mm conduit pipe	1	1	750.00			750.00	M		
						Total qty	**750.00**	**M**	70.00	52500.00
50	Concealed Conduit System Supplying heavy gauge PVC conduit pipe ……mm dia .....mm thick confirming to IS 2509 with suitable size bends, metal/PVC junction boxes, adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fish wire wherever necessary 32mm dia 2.5 mm thick thick(including audio system)complete and as per the directions of the Engineer-in-charge of the work (PWD SR 2021-2022-Electrical Work-Part I,Pg 1,Item No.1.2.3)									
	Electrical									
	32 mm conduit pipe	1	1	750.00			750.00	M		
						Total qty	**750.00**	**M**	93.00	69750.00
51	Concealed Conduit System Supplying heavy gauge PVC conduit pipe ……mm dia .....mm thick confirming to IS 2509 with suitable size bends, metal/PVC junction boxes, adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fish wire wherever necessary 40mm dia 2.5 mm thick thick(including audio system)complete and as per the directions of the Engineer-in-charge of the work (PWD SR 2021-2022-Electrical Work-Part I,Pg 1,Item No.1.2.4)									
	Electrical									
	40 mm conduit pipe	1	1	240.00			240.00	M		

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No	Description of Item	No	No	Length (m)	Breadth (m)	Depth (m)	QTY	Unit	Rate	Amount
						Total qty	240.00	M	106.00	25440.00
52	Open Conduit System - Supplying heavy gauge PVC conduit pipe ..... dia ..... mm thick confirming to IS 2509 with suitable size bends, junction boxes, adhesive paste etc , and fixing using inverted wood plugs in case of RCC ceiling and RCC wall/ stone structure or rawl plugs in case of brick walls and cement plastering the damaged portion using heavy gauge saddles at an interval of 700mm using NF screws. 32 mm dia 2.5 mm thick (PWD SR 2021-2022-Electrical Work-Part I,Pg 1,Item No.1.1.3)									
	Electrical									
	open conduit pipe	1	1	695.00			695.00	M		
						Total qty	695.00	M	100.00	69500.00
53	Groove cutting : Supplying heavy gauge PVC Conduit Pipe .... dia ..... mm thick with suitable size bends, metal junction boxes adhesive paste etc., by groove cutting in the wall and fixing by bracing U or J hooks and cement plastering upto the wall surface and run with 18 SWG GI fish wire run throughout the conduit wherever necessary. 19/20 mm dia 2 mm thick (PWD SR 2021-2022-Electrical Work-Part I,Pg 1,Item No.1.3.1)									
	Electrical									
	19/20mm conduit pipe- Groove cutting	1	1	435.00			435.00	M		
						Total qty	435.00	M	75.00	32625.00
54	Supplying heavy gauge PVC Conduit Pipe .... dia ..... mmthick with suitable size bends, metal junction boxes adhesive paste etc., by groove cutting in the wall and fixing by bracing U or J hooks and cement plastering upto the wall surface and run with 18 SWG GI fish wire run throughout the conduit wherever necessary.25 mm dia 2 mm thick .(PWD Electrical SR 2022-23 Vol-VI Part-1 Page No.01, Item No.1.3.2)									
	Electrical									
	25 mm conduit pipe- Groove cutting	1	1	260.00			260.00	M		
						Total qty	260.00	M	80.00	20800.00
55	Supplying heavy gauge PVC Conduit Pipe .... dia ..... mmthick with suitable size bends, metal junction boxes adhesive paste etc., by groove cutting in the wall and fixing by bracing U or J hooks and cement plastering upto the wall surface and run with 18 SWG GI fish wire run throughout the conduit wherever necessary.32 mm dia 2.5 mm thick .(PWD Electrical SR 2022-23 Vol-VI Part-1 Page No.01, Item No.1.3.3)									
	Electrical									
	32mm conduit pipe- Groove cutting	1	1	175.00			175.00	M		
						Total qty	175.00	M	105.00	18375.00
56	Supplying and fixing PVC/metal conduit Deep junction box complete as per specifications and directions of the Engineer in charge **19/20mm deep** junction box (PWD Electrical SR 2022-23 Vol-VI Part-1 Page No.01, Item No.1.5.1)									
	Electrical									
	19/20mm deep junction box	1	1	70.00			70.00	Each		
						Total qty	70.00	Each	49.00	3430.00
57	Supplying and fixing PVC/metal conduit Deep junction box complete as per specifications and directions of the Engineer in charge **25 mm deep** junction box (PWD Electrical SR 2022-23 Vol-VI Part-1 Page No.01, Item No.1.5.2)									
	Electrical									
	25 mm deep junction box	1	1	45.00			45.00	Each		
						Total qty	45.00	Each	51.00	2295.00
58	Supplying and fixing PVC/metal conduit Deep junction box complete as per specifications and directions of the Engineer in charge **32mm deep** junction box (PWD Electrical SR 2022-23 Vol-VI Part-1 Page No.01, Item No.1.5.3)									
	Electrical									
	32mm deep junction box	1	1	45.00			45.00	Each		

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No	Description of Item	No	No	Length (m)	Breadth (m)	Depth (m)	QTY	Unit	Rate	Amount
						Total qty	45.00	Each	69.00	3105.00
59	Supplying and flush mounting teak wooden box without front plant made of not less than 12mm thick wood, after due groove cutting, necessary masonry patch work complete.complete as per specifications and directions of the Engineer in charge **1 to 2 way** (PWD Electrical SR 2022-23 Vol-VI Part-1 Page No.02, Item No.1.6.6)									
	Electrical									
	1 to 2 way	1	1	60.00			60.00	Each		
						Total qty	**60.00**	**Each**	38.00	2280.00
60	Supplying and flush mounting teak wooden box without front plant made of not less than 12mm thick wood, after due groove cutting, necessary masonry patch work complete.complete as per specifications and directions of the Engineer in charge **3 to 4 way** (PWD Electrical SR 2022-23 Vol-VI Part-1 Page No.02, Item No.1.6.7)									
	Electrical									
	3 to 4 way	1	1	45.00			45.00	Each		
						Total qty	**45.00**	**Each**	44.00	1980.00
61	Extra for groove cutting in brick wall /CC floor' to the suitable depth for con cealing of conduit/GI pipe and plastering,finishing upto wall surface complete. complete as per specifications and directions of the Engineer in charge (PWD Electrical SR 2022-23 Vol-VI Part-1 Page No.02, Item No.1.7.1)									
	Electrical									
	Extra for groove cutting	1	1	150.00			150.00	m		
						Total qty	**150.00**	**m**	26.00	3900.00
62	Suplplying and fixing "S" Hook made out of 14mm dia M.S. rod complete as per specifications and directions of the Engineer in charge (PWD Electrical SR 2022-23 Vol-VI Part-1 Page No.02, Item No.1.10)									
	Electrical									
	S Hook	1	1	40.00			40.00	Nos		
						Total qty	**40.00**	**Nos**	43.00	1720.00
63	Point wiring using copper wire with switch: Supplying and wiring adopting loop system in existing PVC Conduit /casing capping using 2x1.5Sqmm (Phase & Neutral) & 1x1.0 sqmm (Earth wire) FRLS multi strand PVC insulated copper wire (confirming to IS-694: and latest amendments) with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet/gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet. complete as per specifications and directions of the Engineer in charge Short point **upto 3Mtrs from tapping point to out let via switch** (PWD Electrical SR 2022-23 Vol-VI Part-1 Page No.02, Item No.2.1.1)									
	Electrical									
	Point wiring using copper wire with switch upto 3 mtrs	1	1	48.00			48.00	Point		
						Total qty	**48.00**	**Point**	276.00	13248.00
64	Point wiring using copper wire with switch: Supplying and wiring adopting loop system in existing PVC Conduit /casing capping using 2x1.5Sqmm (Phase & Neutral) & 1x1.0 sqmm (Earth wire) FRLS multi strand PVC insulated copper wire (confirming to IS-694: and latest amendments) with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet/gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet. complete as per specifications and directions of the Engineer in charge . Medium point above **3Mtrs upto 6Mtr from Tapping point to out let via switch** (PWD Electrical SR 2022-23 Vol-VI Part-1 Page No.02, Item No.2.1.2)									
	Electrical									
	Point wiring using copper wire with switch upto 3-6 mtrs	1	1	56.00			56.00	Point		
						Total qty	**56.00**	**Point**	386.00	21616.00

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No	Description of Item	No	No	Length (m)	Breadth (m)	Depth (m)	QTY	Unit	Rate	Amount
65	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS-694:confirming to latest amendments. (PWD Electrical SR 2022-23 Vol-VI Part-1 Page No.03, Item No.2.3.1)									
	Electrical									
	1 Sqmm Wire	1	1	650.00			650.00	M		
						Total qty	**650.00**	**M**	18.00	11700.00
66	Wiring for lighting/power circuit using Grade using one of FRLS PVC insulated 1100 volts grade, multistrand copper with low conductor resistance single core wire in open or concealed system of wiring. With specified IS-694: confirming to Latest amendements. **2.5 sqmm** complete as per specifications.and directions of the Engineer in charge. (PWD Electrical SR 2022-23 Vol-VI Part-1 Page No.03, Item No.2.3.3)									
	Electrical									
	2.5 Sqmm Wire	1	1	1650.00			1650.0	M		
						Total qty	**1650.0**	**M**	40.00	66000.00
67	Wiring for lighting/power circuit using Grade using one of FRLS PVC insulated 1100 volts grade, multistrand copper with low conductor resistance single core wire in open or concealed system of wiring. With specified IS-694: confirming to Latest amendements. **4 sqmm** complete as per specifications.and directions of the Engineer in charge. (PWD Electrical SR 2022-23 Vol-VI Part-1 Page No.03, Item No.2.3.4)									
	Electrical									
	4 Sqmm Wire	1	1	450.00			450.00	M		
						Total qty	**450.00**	**M**	59.00	26550.00
68	Wiring for lighting/power circuit using Grade using one of FRLS PVC insulated 1100 volts grade, multistrand copper with low conductor resistance single core wire in open or concealed system of wiring. With specified IS-694: confirming to Latest amendements. **6 sqmm** complete as per specifications.and directions of the Engineer in charge. (PWD Electrical SR 2022-23 Vol-VI Part-1 Page No.03, Item No.2.3.5)									
	Electrical									
	6 Sqmm Wire	1	1	540.00			540.00	M		
						Total qty	**540.00**	**M**	87.00	46980.00
69	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC/ box. complete as per specifications and directions of the Engineer in charge **1 to 3 module** (PWD Electrical SR 2022-23 Vol-VI Part-1 Page No.05, Item No.3.5.1)									
	Electrical									
	1 to 3 module	1	1	80.00			80.00	Each		
						Total qty	**80.00**	**Each**	152.00	12160.00
70	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC/ box. complete as per specifications and directions of the Engineer in charge **4 module** (PWD Electrical SR 2022-23 Vol-VI Part-1 Page No.05, Item No.3.5.2)									
	Electrical									
	4 module	1	1	80.00			80.00	Each		
						Total qty	**80.00**	**Each**	175.00	14000.00
71	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC/ box. complete as per specifications and directions of the Engineer in charge **6 module** (PWD Electrical SR 2022-23 Vol-VI Part-1 Page No.05, Item No.3.5.3)									
	Electrical									
	6 module	1	1	80.00			80.00	Nos		
						Total qty	**80.00**	**Nos**	244.00	19520.00

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No	Description of Item	No	No	Length (m)	Breadth (m)	Depth (m)	QTY	Unit	Rate	Amount
72	Supply box type suitable for 28W T5 single / twin lamp & suspension mounted luminaire and optical reflector. Prewired with HF electronic ballast, push fit type lamp holders and main connectors. Channel cover shall be made of CRCA MS sheet and finishing is done with stone enameled white with end caps made of engineering plastic complete as per specifications and directions of the Engineer in charge a) Electronic Ballast suitable for T5 Lamp 1x24 Watt									
	Electrical									
	T5 Lamp 1x24 Watt	1	1	50.00			50.00	Nos		
						Total qty	**50.00**	**Nos**	510.00	25500.00
73	Supplying & fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. (PWD Electrical SR 2022-23 Vol-VI Part-1 Page No.13, Item No.5.17.3) **50-63 Amps SP**									
	Electrical									
	50-63 Amps SP	1	1	15.00			15.00	Nos		
						Total qty	**15.00**	**Nos**	734.00	11010.00
74	Supplying & fixing LED Drivers suitable for 5700K LED fitting Outdoor Fixtures. Operating voltage range from 180V to 265V, 50Hz AC power Supply.240W 5700K suitable for outdoor LED fitting. (PWD Electrical SR 2022-23 Vol-VI Part-1 Page No.43, Item No.12.52.9)									
	Electrical									
	5700K LED fitting Outdoor	1	1	20.00			20.00	Nos		
						Total qty	**20.00**	**Nos**	9540.00	190800.00
75	Supplying 4mm thick plastic sheet with necessary nitches for fixing switches, regulators etc. and fixing on existing wooden or metal box using N.F. screws. (PWD Electrical SR 2022-23 Vol-VI Part-1 Page No.6, Item No.3.8)									
	Electrical									
	4mm thick plastic sheet	1	1	1650.00			1650.00	Sqcm		
						Total qty	**1650.00**	**Sqcm**	0.29	478.50
76	Supplying capacitor type ceiling fan complete with down rod blades shackle, canopies etc, for operation on 230 volts, 50 cycles. single phase AC supply conforming to ISS-374-1979 and with double ball bearing system **48" sweep** (1200mm) complete as per specifications.and directions of the Engineer in charge. (PWD Electrical SR 2022-23 Vol-VI Part-1 Page No.22, Item No.6.3.1)									
	Electrical									
	ceiling fan	1	1	35.00			35.00	Nos		
						Total qty	**35.00**	**Nos**	2085.00	72975.00
77	Supplying and fixing of modular switch & connected accessories on existing modular switch plate as per IS 3854 and IS 1293 complete as per specifications and directions of the Engineer in charge Stepped Fan Regulator (PWD Electrical SR 2022-23 Vol-VI Part-1 Page No.5, Item No.3.6.4)									
	Electrical									
	Stepped Fan Regulator	1	1	68.00			68.00	Nos		
						Total qty	**68.00**	**Nos**	313.00	21284.00
78	Supplying and fixing of modular switch & connected accessories on existing modular switch plate as per IS 3854 and IS 1293 complete as per specifications and directions of the Engineer in charge TV/Telephone socket (PWD Electrical SR 2022-23 Vol-VI Part-1 Page No.5, Item No.3.6.12)									
	Electrical									
	TV/Telephone socket	1	1	40.00			40.00	Nos		
						Total qty	**40.00**	**Nos**	147.00	5880.00
79	Supplying and fixing of modular switch & connected accessories on existing modular switch plate as per IS 3854 and IS 1293 complete as per specifications and directions of the Engineer in charge RJ45/I.O. outlet (PWD Electrical SR 2022-23 Vol-VI Part-1 Page No.5, Item No.3.6.13)									
	Electrical									
	RJ45/I.O. outlet	1	1	40.00			40.00	Nos		
						Total qty	**40.00**	**Nos**	211.00	8440.00

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No	Description of Item	No	No	Length (m)	Breadth (m)	Depth (m)	QTY	Unit	Rate	Amount
80	Fixing a Ceiling/Wall mounting fan of all capacities and all types to the existing S hook with fan regulator to the existing board together with supplying and fixing a 5 ampers ceiling rose, necessary length of 23/0.0076 inch PVC insulated twin twisted copper wire and wiring completely. (PWD Electrical SR 2022-23 Vol-VI Part-1 Page No.46, Item No.13.10)									
	Electrical									
	Ceiling/Wall mounting fan	1	1	50.00			50.00	Each		
						Total qty	**50.00**	**Each**	162.00	8100.00
81	Supplying and fixing Moulded Case Circuit Breaker (MCCB) over the existing wood/panel board using necessary screws, bolts, nuts, necessary phase separators, handle and wiring complete. Protection of Overload and Short circuit in Thermal Magnetic Release. Micro processor release shall have Earth Fault as per IS-13947. (Icu=100% Ics). In 4P MCCB, all Poles should have protection for Short-Circuit/Over Load. For Microprocessor MCCBS Facility for segregating Priority and Non-Priority loads must be available in the MCCB. MCCB shall be provided with double insulation (insulation between front cover and internal power circuits to avoid any accidental contact with live current carrying path with the front cover open). Multi-pole breakers shall be designed to break all the poles simultaneously and they shall have a single mechanism. **Three Pole. 100Amps 25kA.** (PWD Electrical SR 2022-23 Vol-VI Part-1 Page No.12, Item No.5.14.1)									
	Electrical									
	MCCB 100Amps 25kA.	1	1	7.00			7.00	Each		
						Total qty	**7.00**	**Each**	5641.00	39487.00
82	Supplying and fixing Moulded Case Circuit Breaker (MCCB) over the existing wood/panel board using necessary screws, bolts, nuts, necessary phase separators, handle and wiring complete. Protection of Overload and Short circuit in Thermal Magnetic Release. Micro processor release shall have Earth Fault as per IS-13947. (Icu=100% Ics). In 4P MCCB, all Poles should have protection for Short-Circuit/Over Load. For Microprocessor MCCBS Facility for segregating Priority and Non-Priority loads must be available in the MCCB. MCCB shall be provided with double insulation (insulation between front cover and internal power circuits to avoid any accidental contact with live current carrying path with the front cover open). Multi-pole breakers shall be designed to break all the poles simultaneously and they shall have a single mechanism. **Three Pole. 250Amps 35kA.** (PWD Electrical SR 2022-23 Vol-VI Part-1 Page No.12, Item No.5.14.5)									
	Electrical									
	MCCB 250Amps 35kA.	1	1	7.00			7.00	Each		
						Total qty	**7.00**	**Each**	18566.00	129962.00
83	Earthing: Supplying and fixing and wiring earth electrode for grounding circuits IC cutouts and other equipments on the meter board in the pit. The pits should be filled up with equal proportion of salt and charcoal 150mm around the pipe to complete depth. The connection from the pipe to the conduits etc. is to established through GI wire of sizes as per clause 7.3.3 of IS 732 using 12mm bolts, nuts, washers and check nuts, the pipe shall have 16 through holes of 12mm dia.(PWD SR 2021-22 Vol-V Page No.164, Item No.45)									
	Electrical									
	earth electrode	1	1	15.00			15.00	job		
						Total qty	**15.00**	**job**	4125.00	61875.00
	Basic Rate			3750.00						
	AW-10%			375.00						
	Total			4125.00						
84	Supplying of 1.1 KV LT UG cable XLPE or Heat resistant PVC insulated, PVC extruded Inner sheath armoured UG LT cable as per IS-1554 (Part-1) or IS-7098 Part-1, Armouring strip thickness in average +5% and resistivity 14 Ohms/Kms (Max) as per IS-3975 **4 core 16 sqmm** (PWD Electrical SR 2019-20 ,Page No.40, Item No.6.4.4)									
	Electrical									
	4 core 16 sqmm	1	1	130.00			130.00	M		
						Total qty	**130.00**	**M**	150.00	19500.00
85	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe/ stoneware pipe/ on wall/ on pole as required. I. In existing trench /duct. complete as per specifications.and directions of the Engineer in charge. **6sqmm to 16 sqmm** (PWD Electrical SR 2019-20 ,Page No.41, Item No.6.5.1)									
	Electrical									

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No	Description of Item	No	No	Length (m)	Breadth (m)	Depth (m)	QTY	Unit	Rate	Amount
	6sqmm to 16 sqmm	1	1	130.00			130.00	M		
						Total qty	**130.00**	**M**	11.88	1544.40
86	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc., complete as per specifications.and directions of the Engineer in charge - **Asphalt cutting** (PWD Electrical SR 2019-20 ,Page No.41, Item No.6.6.4)									
	Electrical									
	Asphalt cutting	1	1	120.00			120.00	M		
						Total qty	**120.00**	**M**	113.00	13560.00
87	Supplying and fixing of class A (medium duty) GI pipe of wall thick ness not less than 3.25 mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV class. complete as per specifications.and directions of the Engineer in charge 40 mm (PWD Electrical SR 2019-20 ,Page No.41, Item No.6.9.1)									
	Electrical									
	class A (medium duty) GI pipe	1	1	45.00			45.00	Nos		
						Total qty	**45.00**	**Nos**	335.00	15075.00
88	Supplying and fixing L.T. cast Iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc. complete as per specifications.and directions of the Engineer in charge 16 Sqmm (PWD Electrical SR 2019-20 ,Page No.42, Item No.6.10.2)									
	Electrical									
	L.T. cast Iron pot heads	1	1	2.00			2.00	Nos		
						Total qty	**2.00**	**Nos**	270.00	540.00
89	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers. 32 A (PWD Electrical SR 2022-23 Vol-VI Part-1 Page No.10, Item No.5.7.2)									
	Electrical									
	Porcelain fuse channel	1	1	15.00			15.00	Nos		
						Total qty	**15.00**	**Nos**	200.00	3000.00
90	Fabricating supplying and mounting MS box of suitable for floor /wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clA with necessary cable entry pipe with gland and box should be finished with 7tanks treatment with powder coated paint and finally finished with approved colour etc., complete. 18 SWG (PWD Electrical SR 2022-23 Vol-VI Page No.15, Item No.5.42.3)									
	Electrical									
	18 SWG	1	1	1600.00			1600.0	Sqcm		
						Total qty	**1600.0**	**Sqcm**	0.32	512.00
91	Supplying and fixing regular MCB distribution boards on well /wood board /flush mounting using required clamps, bolts, nuts etc., with provision for fixing suitable type capacity MCB's single phase /3 phase /single for with powder coated painting etc., complete as per specifications.and directions of the Engineer in charge . Single Door b) 8 way SP&N (PWD Electrical SR 2022-23 Vol-VI Page No.13, Item No.5.18.3)									
	Electrical									
	MCB Single Door b) 8 way SP&N	1	1	30.00			30.00	Nos		
						Total qty	**30.00**	**Nos**	1302.00	39060.00
92	Supplying of 1440rpm heavy duty exhaust fan with bracket blades suitable to operate on 230V 50Hz, AC Supply complete complete as per specifications.and directions of the Engineer in charge 12" Sweep (300mm) (PWD Electrical SR 2022-23 Vol-VI Page No.22, Item No.6.2.1)									
	Electrical									
	exhaust fan	1	1	30.00			30.00	Nos		
						Total qty	**30.00**	**Nos**	2997.00	89910.00
93	Supplying and drawing UTP-CAT 6E LAN cable omplete as per specifications.and directions of the Engineer in charge (PWD Electrical SR 2022-23 Vol-VI Page No.27, Item No.8.1)									
	Electrical									

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No	Description of Item	No	No	Length (m)	Breadth (m)	Depth (m)	QTY	Unit	Rate	Amount
	UTP-CAT 6E LAN cable	1	1	10.00			10.00	M		
						Total qty	**10.00**	**M**	34.00	340.00
94	Supplying and drawing PVC flexible one pair telephone unarmoured tinned copper cable omplete as per specifications.and directions of the Engineer in charge 2 pairs (PWD Electrical SR 2022-23 Vol-VI Page No.27, Item No.8.2.2)									
	Electrical									
	Telephone cable	1	1	45.00			45.00	M		
						Total qty	**45.00**	**M**	19.00	855.00
95	Supplying and Fixing of switch mounting rack with power manager & Cable manager. cable omplete as per specifications.and directions of the Engineer in charge 24U with 650mm depth (PWD Electrical SR 2022-23 Vol-VI Page No.28, Item No.8.4.6)									
	Electrical									
	switch mounting rack	1	1	1.00			1.00	Each		
						Total qty	**1.00**	Each	30071.00	30071.00
96	Supplying fixing of Network Switches omplete as per specifications.and directions of the Engineer in charge 10 Port Gigabyte (manageable) (PWD Electrical SR 2022-23 Vol-VI Page No.28, Item No.8.9.3)									
	Electrical									
	Network Switches	1	1	1.00			1.00	Each		
						Total qty	**1.00**	**Each**	22481.00	22481.00
97	Supply, installation, testing and commissioning of compact ceiling speaker with Back can power handling up to 6 watt RMS/watt/100volt@ 1456 ohms single channel. Selectable taping 5" LF driver and tweeter complete as per specifications.and directions of the Engineer in charge									
	Electrical									
	compact ceiling speaker	1	1	6.00			6.00	Nos		
						Total qty	**6.00**	**Nos**	1450.00	8700.00
98	Supplying, erection, testing and commissioning of 62.5kva/50kw Diesel Generating Set on existing CC platform Compising of diesel Engine Developing 50kw BHP @ 1500 RPM confirming to BS 5514. The engine should be turbocharged, Air/water cooled with 10% over load for 1hour in every 12 hours of operation coupled to suitable capacity alernator rated at 415V, 0.8 PF(lag) 50 Hz, 3 phase. 4 wire system, confirming to BS 5000/IS 4722. The alternator shall be of brushless type Screen protected, revolving field, Mounted on suitable Channel Iron Base Frame. Complete with suitable capacity Fuel Tank, required nos, of Batteries of 12/24V as per requirement. Acoustic enclosure as per CPCB Approved Norms.complete as per specifications.and directions of the Engineer in charge (PWD Electrical SR 2022-23 Vol-VI Page No.32, Item No.10.1.7)									
	Electrical									
	Diesel Generator	1	1	1.00			1.00	Set		
						Total qty	**1.00**	**Set**	618585.00	618585.00
99	Meter and panel board : Supply and delivery of meter and panel boarc unit one number of MS box of size 300 x 120 mm size fabricated out of 2 mm thick sheet metal with sealable door arrangement for mounting the CTS (If any) cutouts 3 phase dia 4 wire energy meter and cable box complete A tranperent glass piece should be provided where the energy meter reading could be read b. panel board to operate on 50c /400/400 v (Copy enclosed) complete as per specifications.and directions of the Engineer in charge .									
	Electrical									
	Meter and panel board	1	1	1.00			1.00	Nos		
						Total qty	**1.00**	**Nos**	6630.00	6630.00
100	Supplying & fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898.(PWD SR 2021-22 Vol II. PgNo 13.Item No 5.17.1)									
	Electrical									
	MCB	1	1	2.00			2.00	Nos		
	MCB	1	1	1.00			1.00	Nos		

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No	Description of Item	No	No	Length (m)	Breadth (m)	Depth (m)	QTY	Unit	Rate	Amount
						Total qty	3.00	Nos	523.00	1569.00
101	Erection of panel board and meter board (Copy enclosed) complete as per specifications.and directions of the Engineer in charge.									
	Electrical									
	panel board and meter board	1	1	1.00			1.00	Nos		
						Total qty	1.00	Nos	425.00	425.00
102	Brass stop cock (15 mm dia) complete as per specifications.and directions of the Engineer in charge. (PWD SR 2021-22 Vol II. PgNo 115.Item No 13.3.1)									
	Electrical									
	Brass stop cock	1	1	1.00			1.00	Nos		
						Total qty	1.00	Nos	358.60	358.60
	Basic Rate			326.00						
	AW-10%			32.60						
	Total			358.60						
103	Supplying and fixing polished wood board made of not less than 15 mm thick on both sides with made out side more than 2 piece and fixing the same to the mwall musing tapered inverted wooden plugs screws etc 500 x500x 65 mm complete as per specifications.and directions of the Engineer in charge.									
	Electrical									
	wood board	1	1	1.00			1.00	Nos		
						Total qty	1.00	Nos	275.00	275.00
104	Supplying and fixing and wiring pilot lamps on existing board using 3 nos flush switches surface mounted in a ang box or flush mounted in 4 mm thick plastic sheet 3 nos of amps bakelite fuses and necessary wires (Copy enclosed) complete as per specifications.and directions of the Engineer in charge.									
	Electrical									
	Pilot lamps	1	1	5.00			5.00	Nos		
						Total qty	5.00	Nos	137.50	687.50
105	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit ... The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 12 mm dia (PWD Electrical SR 2019-20 ,Page No 40 Item No.6.1)									
	Electrical									
	Earthing	1	1	1.00			1.00	Nos		
	earth electrode	1	1	11.00			11.00	Nos		
						Total qty	12.00	Nos	1500.00	18000.00
106	Design, supplying, erecting testing and commissioning of - passenger/ Bed-cum-passenger hospital lift with speed of 1mtr per second, variable voltage variable frequency drive, with or without machine room for the available well size, operating at 415 V 3 phase 50 cycles AC supply, powder coated / Stainless Steel car entrance doors enclosures with suitable colour vinyl flooring, LED car illumination, emergency light, intercom and fan as desired by the user, central opening / side opening door with or without attendant operation, 7 segment display buttons, call register indicator, fireman drive, SS handrails inside car, full length infrared curtain in car door, automatic rescue device with batteries, voice announcing in regional / international languages, Braille buttons with one year warranty and maintenance with necessary scaffolding and minor civil works like fixing of guide rail, counter weight etc. With Machine Room-PC Finish: (PWD Electrical SR 2021-22 Vol-VI, Item No.14.4.1)									
	Electrical									
	Hospital lift	1	1	1.00			1.00	Job		
						Total qty	1.00	Job	1445950.00	1445950.00

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No	Description of Item	No	No	Length (m)	Breadth (m)	Depth (m)	QTY	Unit	Rate	Amount
									Total Amount	12451437.42
									GST-18%	2241258.74
	Preparation of DPR and Architectural ,Structural Consultation fee(1% of estimated cost)									150000.00
	Project management Consultancy Charges(1% of estimated cost)									150000.00
									Add Miscellaneous Charges	7303.84
									Grand Total Amount	15000000.00

CERTIFICATE:

1) The work spot has been inspected and found to be necessary
2) The work spot comes under B.B.M.P
3) The provisions made in the estimate are necessary and minimum.
4) The estimate is based on, PWD SR 2021-22 and Data rates, PWD Electrical 2021-22, approved Rate, Issused Rates and Corrigendum 1, 2 & 3.

Assistant Engineer
BBMP

Assistant Executive Engineer
BBMP

Executive Engineer
BBMP

RUDRAPRASAD CONSULTANTS
BANGALORE

Technical Sanction
Accorded For RS150 Slaughter
Head of A/C. P3035
CER NO :..... Dt:..

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No	Description of Item	No	No	Length (m)	Breadth (m)	Depth (m)	QTY	Unit	Rate	Amount
									Total Amount	12451437.42
									GST-18%	2241258.74
	Preparation of DPR and Architectural ,Structural Consultation fee(1% of estimated cost)									150000.00
	Project management Consultancy Charges(1% of estimated cost)									150000.00
									Add Miscellaneous Charges	7303.84
									Grand Total Amount	15000000.00

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Assistant Engineer
BBMP

Assistant Executive Engineer
BBMP

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

Executive Engineer
BBMP

Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore-92

RUDRAPRASAD CONSULTANTS
BANGALORE

Technical Sanction
Accorded For 25.150 Lakhs only
Head of A/C P.3075
CER NO :.....Dt: 21/3/23

Administrative Approval
Accorded For 25.150 Lakhs Only
Head of A/C P.3075
CER NO :.....21..... Dt:.....29/03/2023

S.E. (Project)